

ABSTRACT

Disclosed is a wavelength division multiplexing apparatus comprising a plurality of variable attenuators (12) which respectively attenuate a plurality of optical signals of different wavelengths with variable amounts of attenuation, an optical combiner (14) which combines optical outputs of the plurality of variable attenuators, and an optical amplifier (16) which optically amplifies an optical output of the optical combiner, wherein in order to prevent light leaking from an unused wavelength from affecting the optical amplification of wavelengths in use, an optical switch (46) is provided in front of each variable attenuator and, for the unused wavelength, the optical switch is switched to the attenuation film side to secure a sufficient amount of attenuation.